

Fig. 2

humil8A	1	..MSNITDPOMWDFDDLH....FTDMPPADEYSPCMLETE	LNKYYVVIAYA...LVFL8LL	..GN8LVMLVILYSRVGRSVTDVYLQNLAAADG	97
humil8B	2	..MESDSFEDFWKGDLSNYSYSSTLPFLDAPCEPESE	LENGKQYFVVIYA...LVFL8LL	..GN8LVMLVILYSRVGRSVTDVYLQNLAAADG	98
humCKR1	3	..METPNITE-DYDTTTEFDYGDATPCOKVNERAFGA	OLLPPLYS...LVFVIGLV	..GNILVVLVQYKRLKNMTSYLNLAKISD	99
humMIP1aR	4	..PEMPTNTE-DYDTTTEFDYGDATPCOKVNERAFGA	OLLPPLYS...LVFVIGLV	..GNILVVLVQYKRLKNMTSYLNLAKISD	100
humCKR2	5	..MLSTSRNRFIRINTNESGEEVTFFDYGDAPCHKFD	VOIGAOQLLPPLYS...LVFIFQFV	..GNMLVVLILINCKKRLKCLTDIYELNLISD	101
humMCP1r	6	..PEMPTNTE-DYDTTTEFDYGDATPCOKVNERAFGA	OLLPPLYS...LVFIFQFV	..GNILVVLVQYKRLKNMTSYLNLAKISD	102
humCSAR	7	..MNSFNVTPOYGHYDOKDOLNTPVOKT..SNTLRV	PDILALVIFA...VFLVQVL	..GNALVWV-VTAFEAKRTINAIWENLAVADF	103
humFMR	8	..METNSSLPNTNISQOTPAVSAGYFLDITLVFA	..VFLVQVL	..GNALVWV-VTAFEAKRTINAIWENLAVADF	104
Lyme21-9	9	..MNTTSSAAPPSSLQVEFISLLAILLS	..VFLVQVL	..GNALVWV-VTAFEAKRTINAIWENLAVADF	105
humil8A	106	'FALTLPWA...ASKVNGWI...FOTFLCKVSVLLKE	VNFYSQILLACISVDRYLAIVHA...	..TRTLTKRHLVKFVCLGCWQL8MNL8LPFF	172
humil8B	107	'FALTLPWA...ASKVNGWI...FOTFLCKVSVLLKE	VNFYSQILLACISVDRYLAIVHA...	..TRTLTKRHLVKFVCLGCWQL8MNL8LPFF	173
humCKR1	108	'FLFTLPFWI...DYKLKDDWV...FODAMCKVLSL	QYVNFYSQILLACISVDRYLAIVHA...	..TRTLTKRHLVKFVCLGCWQL8MNL8LPFF	174
humMIP1aR	109	'FLFTLPFWI...DYKLKDDWV...FODAMCKVLSL	QYVNFYSQILLACISVDRYLAIVHA...	..TRTLTKRHLVKFVCLGCWQL8MNL8LPFF	175
humCKR2	110	'FLITLPLWAH...SAANEWV...FGAMCKLFTGLYH	IOYFGQIFFILLTDRYLAIVHAFALR...	..ARTVTFQPEV-ITSI..IWALAIASMPQL	180
humMCP1r	111	'FLITLPLWAH...SAANEWV...FGAMCKLFTGLYH	IOYFGQIFFILLTDRYLAIVHAFALR...	..ARTVTFQPEV-ITSI..IWALAIASMPQL	181
humCSAR	112	'SCLALPLFTSIQVHHH...WFGGAAACSIPLSL	LLNMYASILLATISADRFLLVFKPIWCONF	..V-VT8VITWLVAVFASVPGI	176
humFMR	113	'FTSTLPFFMVRKAMQGH...WFGGAAACSIPLSL	LLNMYASILLATISADRFLLVFKPIWCONF	..V-VT8VITWLVAVFASVPGI	177
Lyme21-9	114	'VLLTAPFFLHFLAOGT...WSFQLAGOGRCHYVCQVSMYASVLL	ITAMSLDRSLAVARPFVSOKL...	..RTVSLAKKI...IGPVMALLLTLPV	178
humil8A	179	'LFR...QT...YHPNNSPVCYEVLG-NDTAKWR-	..MVLRIPLHPTFGFIVPLFVWLFCYQFTL	RTLTKRHLVKFVCLGCWQL8MNL8LPFF	179
humil8B	180	'LFR...QT...YHPNNSPVCYEVLG-NDTAKWR-	..MVLRIPLHPTFGFIVPLFVWLFCYQFTL	RTLTKRHLVKFVCLGCWQL8MNL8LPFF	180
humCKR1	181	'YES...KTOWEFTHTCSLHFPHESLREWLQFQ-	..A...LKNLFLQVLPVLLVMIICYTOGIIKIL	LRPNNEKKS-KAVRLIFVIMI..FWT	260
humMIP1aR	182	'YES...KTOWEFTHTCSLHFPHESLREWLQFQ-	..A...LKNLFLQVLPVLLVMIICYTOGIIKIL	LRPNNEKKS-KAVRLIFVIMI..FWT	261
humCKR2	183	'IFT...KCQKEDSVYVCGQYFP...RGWNNP-	..FHTIMRNILQVLPVLLVMIICYTOGIIKIL	LRPNNEKKS-KAVRLIFVIMI..FWT	262
humMCP1r	184	'LYRVVREEYFPKPKLQVQYSH...DKRRER...AVA	..IVVLNILQVLPVLLVMIICYTOGIIKIL	LRPNNEKKS-KAVRLIFVIMI..FWT	263
humCSAR	185	'I...RVITVPQKTQVACTQVDFNSPTWDPKERIN	VAMLTVRQIIRFIIOFSAPMSIVAVSYQIATKI	..WSRQALTRSTKTLKVVAVVAFFI...FWL	264
humFMR	186	'I...RVITVPQKTQVACTQVDFNSPTWDPKERIN	VAMLTVRQIIRFIIOFSAPMSIVAVSYQIATKI	..WSRQALTRSTKTLKVVAVVAFFI...FWL	265
Lyme21-9	187	'YRTV-VPWKTNMSLCFPRYPSEOH...	..AFHLIFEAVTQFLLPFLAVVASY8DIQRRL	..OANRFNNSRNTORLVLI..LTFAA...	266
humil8A	287	PYNLVLLADTLMRTOVIOETGER-RNNIORALDATE	ILQFLHSCSLN...PIIYAFIQGNFRHQF...	..LKIAMHQLV8K	328
humil8B	288	PYNLVLLADTLMRTOVIOETGER-RNNIORALDATE	ILQFLHSCSLN...PIIYAFIQGNFRHQF...	..LKIAMHQLV8K	329
humCKR1	289	PYNLTILISVFOODFLFTH-CEO-SNHLOLAVOITE	VIAAYTHCCVNPVI...YAFVQGERFKYLRQLFHRVA	..VHLVQWLPFLSVORL	330
humMIP1aR	290	PYNLTILISVFOODFLFTH-CEO-SNHLOLAVOITE	VIAAYTHCCVNPVI...YAFVQGERFKYLRQLFHRVA	..VHLVQWLPFLSVORL	331
humCKR2	291	PYNIVILLNTFOEFFQLSN-CES-TSLODQATQVTE	LTQMTTHCCI...NPPIYAFVQGERFKYLRQLFHRVA	..VHLVQWLPFLSVORL	332
humMCP1r	292	PYNIVILLNTFOEFFQLSN-CES-TSLODQATQVTE	LTQMTTHCCI...NPPIYAFVQGERFKYLRQLFHRVA	..VHLVQWLPFLSVORL	333
humCSAR	293	PYQVTOIM...MSFLEPSSPTFLHMLKLOSCL	...VSFAFFNCSCLN...PMLVYFQMDPFRERL	HALPA-S..LEORTEDS-TQTSDTAINSTLP8A	340
humFMR	294	PYQVVALIATVRIRELLOQMYKEIGIAVDT...	..SALAFFNCSCLN...PMLVYFQMDPFRERL	HALPA-S..LEORTEDS-TQTSDTAINSTLP8A	341
Lyme21-9	295	PYHVVNLAEARRALAQAAQLQVOKRLSLANNVLA	ALAFLLSSVN...PVLYACAGQOLLNSAOVQFVAKL	..LEORTEDS-TQTSDTAINSTLP8A	342
humil8A	329	EFLARHRTVSY-TSSSVNV9SNL			343
humil8B	330	DSLPKDSRPSFVGS9SGHTSTTL			344
humCKR1	331	DRVSST-SPSTQGEHE...LSAGF			345
humMIP1aR	332	DRVSST-SPSTQGEHEPEPLSAGF			346
humCKR2	333	DORQKQKSLQRAPEASLODKEQA			347
humMCP1r	334	DOVTSTNTPSPEPTQGEV9SAGL			348
humCSAR	335	EVALQAV.....			349
humFMR	336	AALEPPQSPSELTASSPLKLNELN			350

FO6290" 2TSE6860

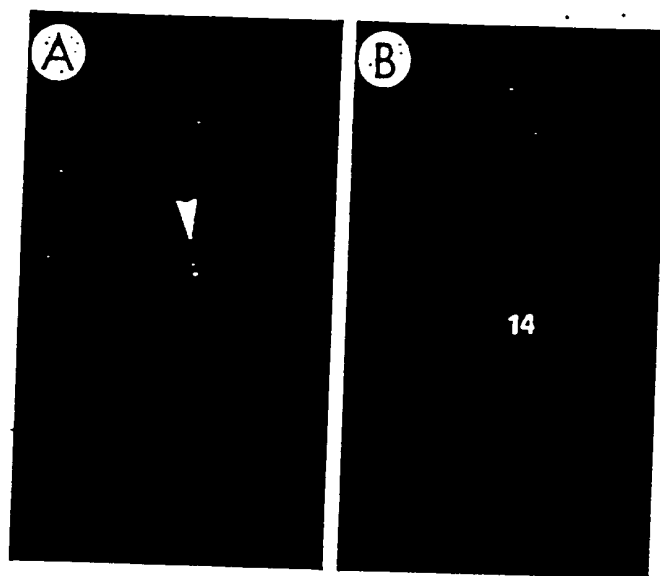


FIG. 5

FO6290"2FGE6860

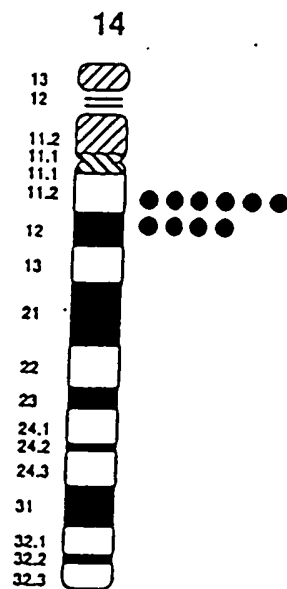


FIG. 6

[illegible]

FIG. 7

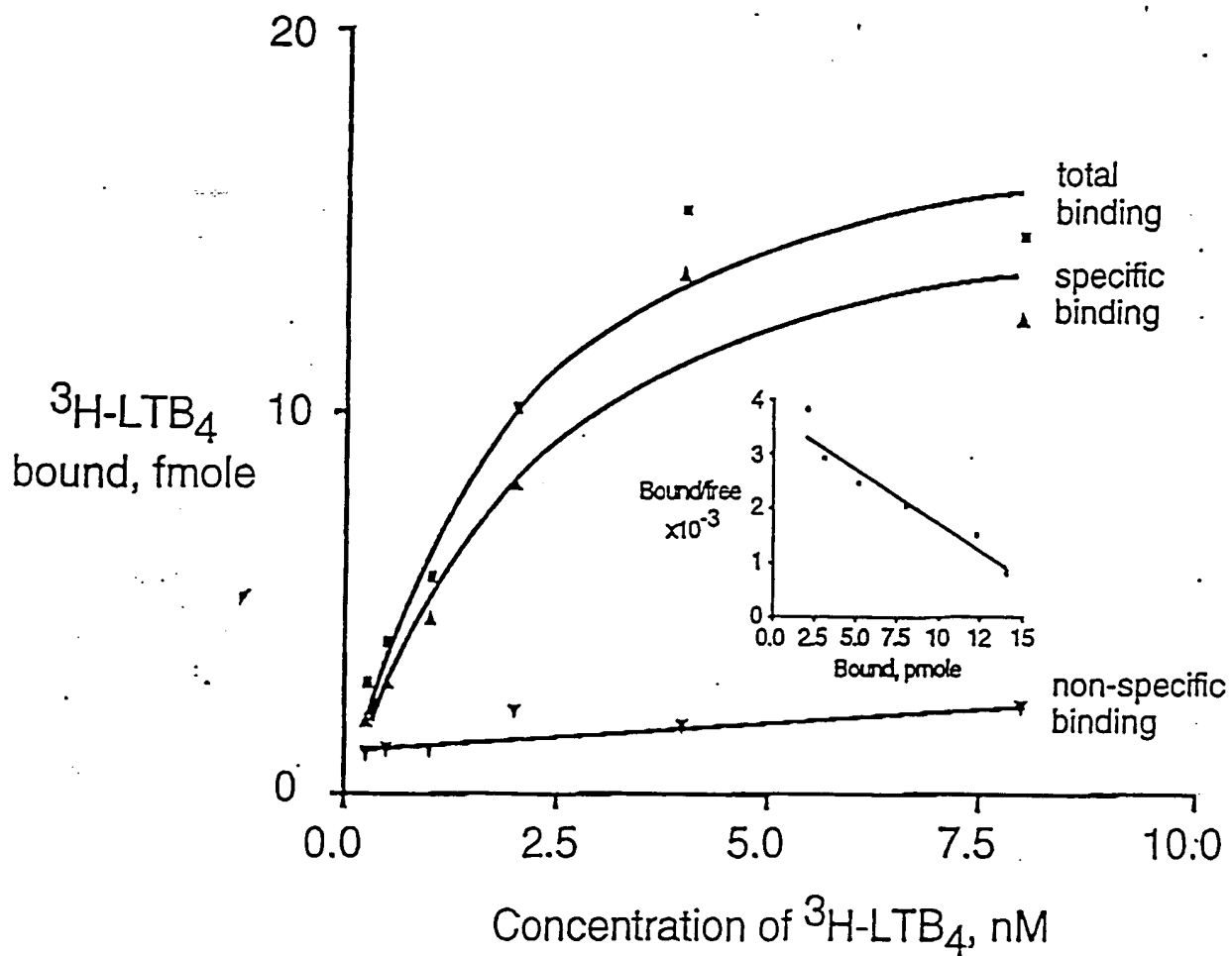


FIG. 8

09893512-062901

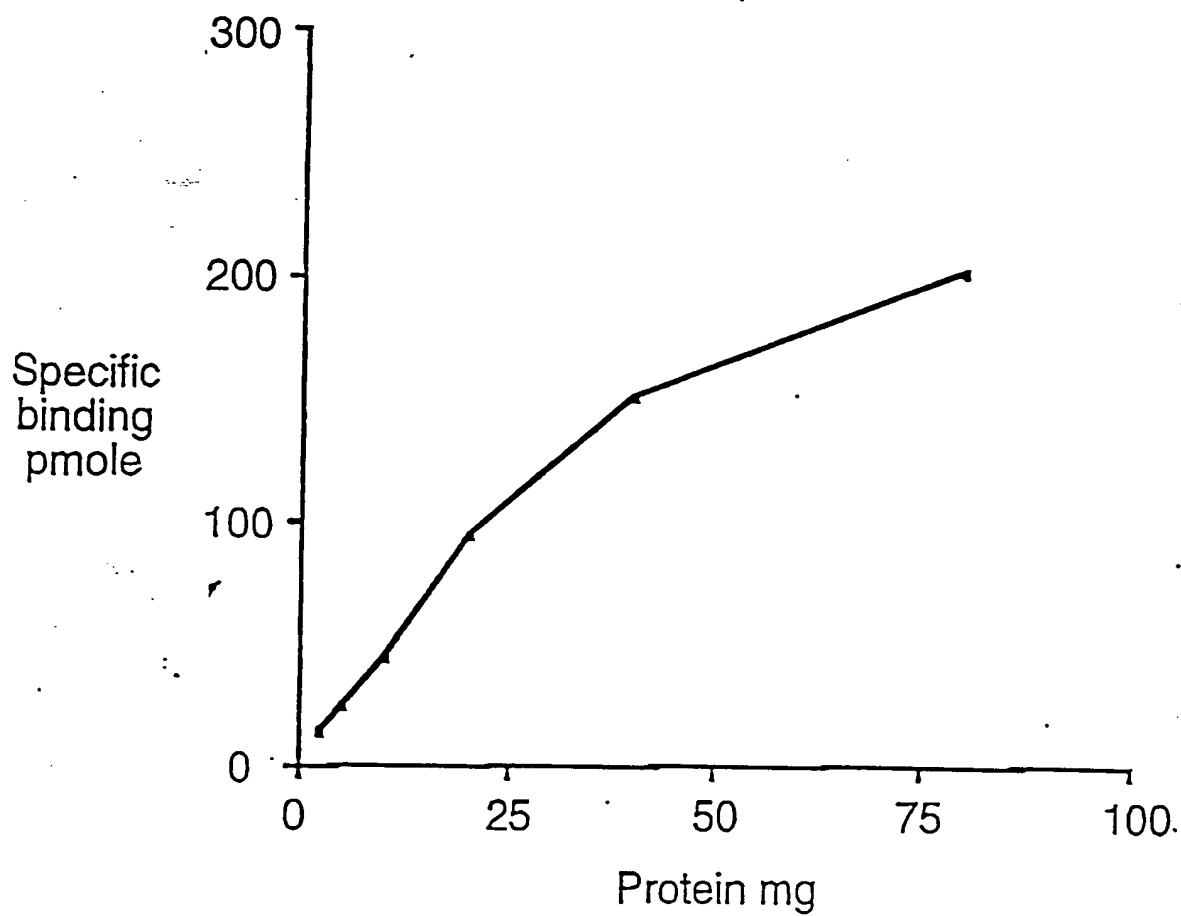


FIG. 9

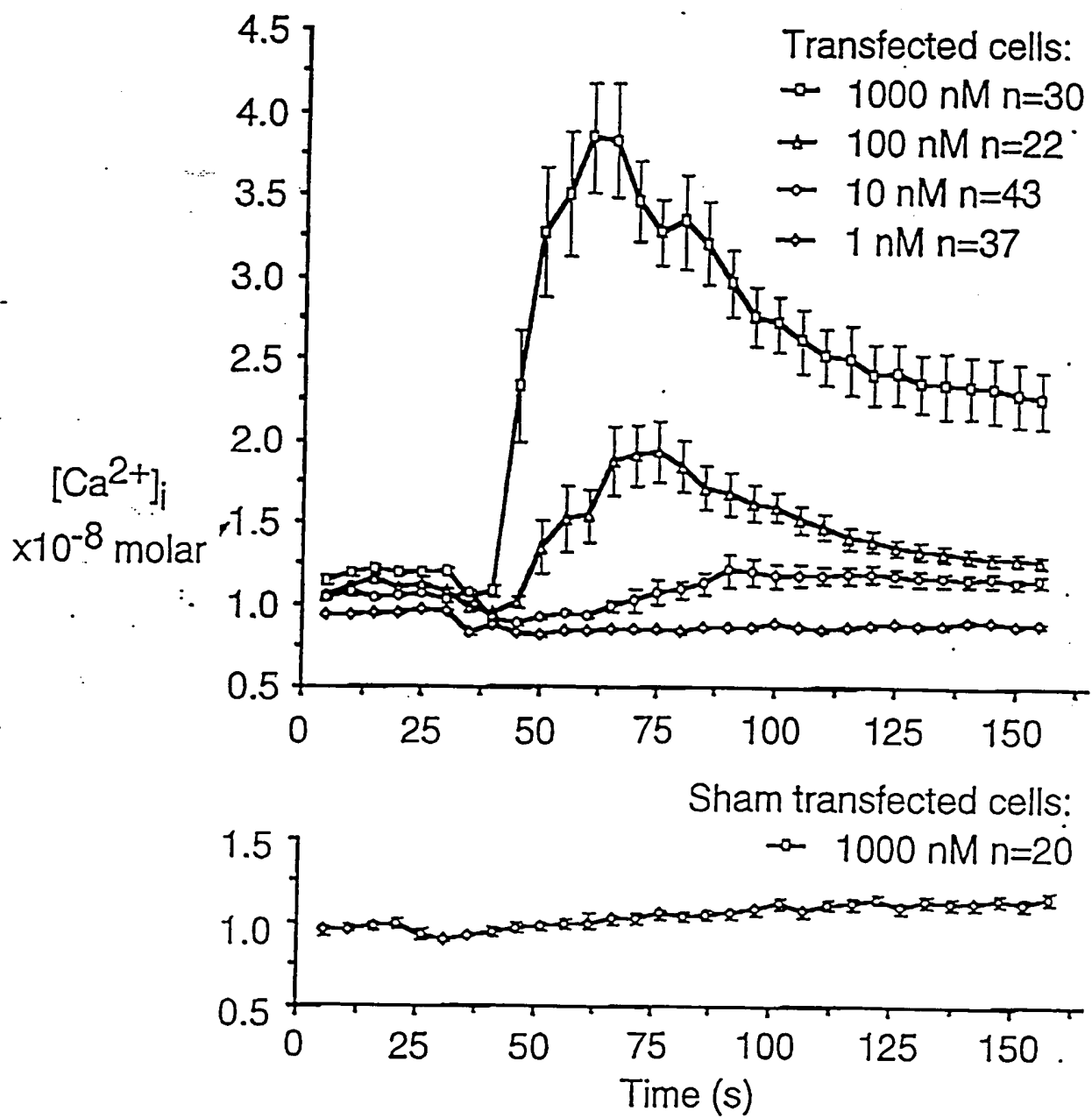


FIG. 10

FO6290-2FEE660

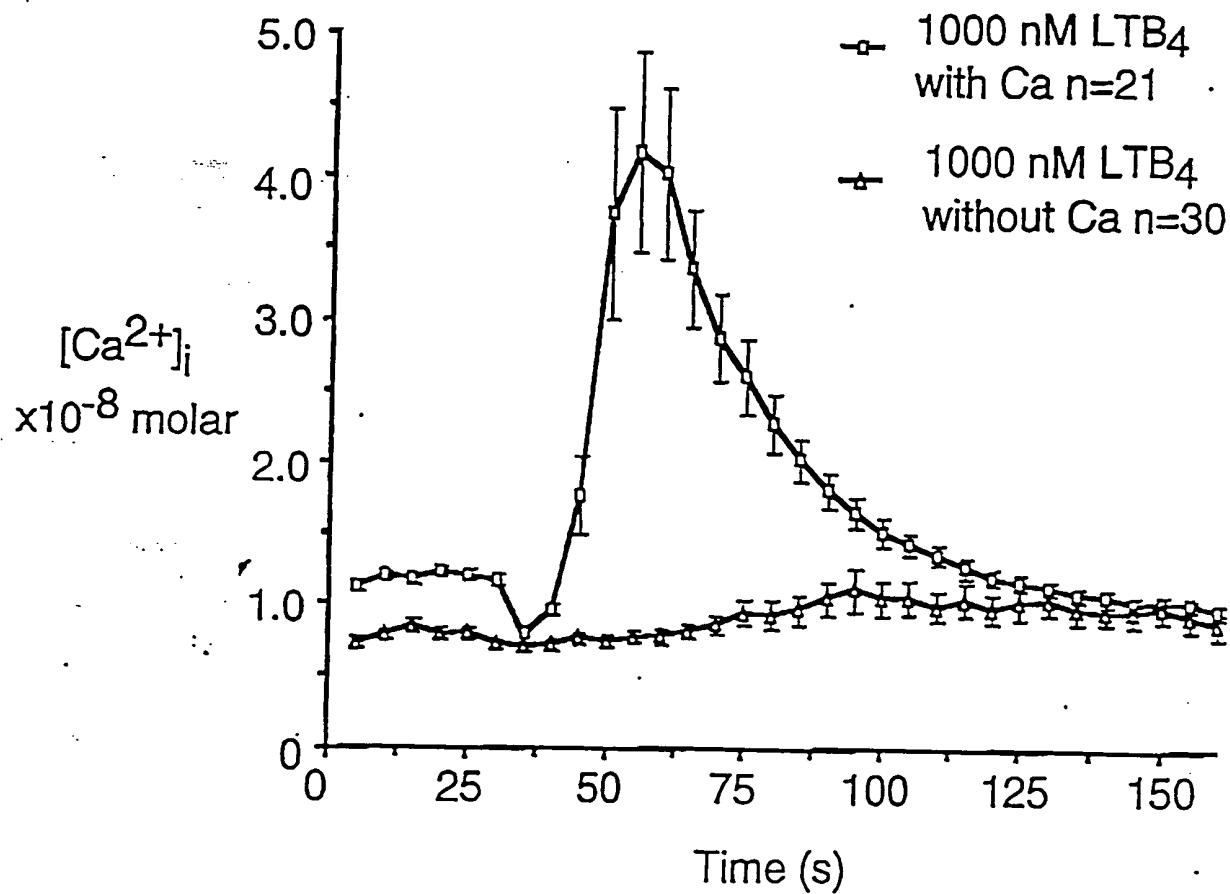


FIG. 11

09893512-062901

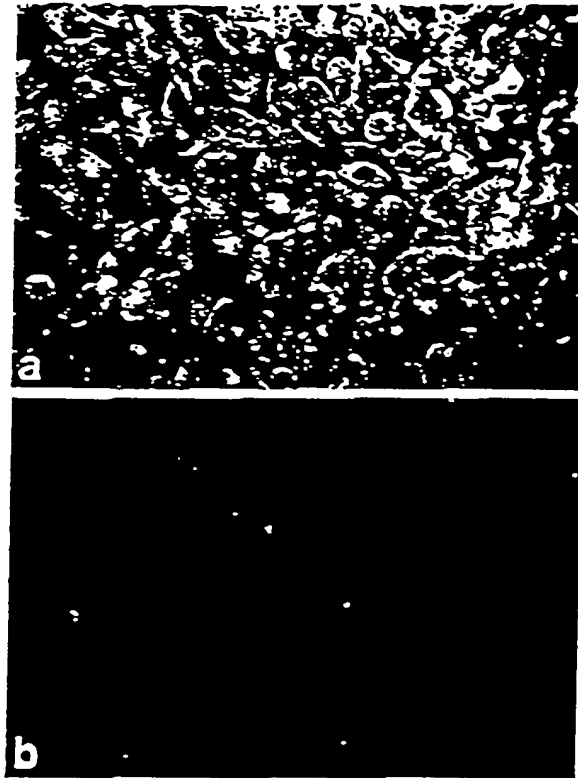


FIG. 12

[Ca²⁺]_i
x10⁻⁸ molar

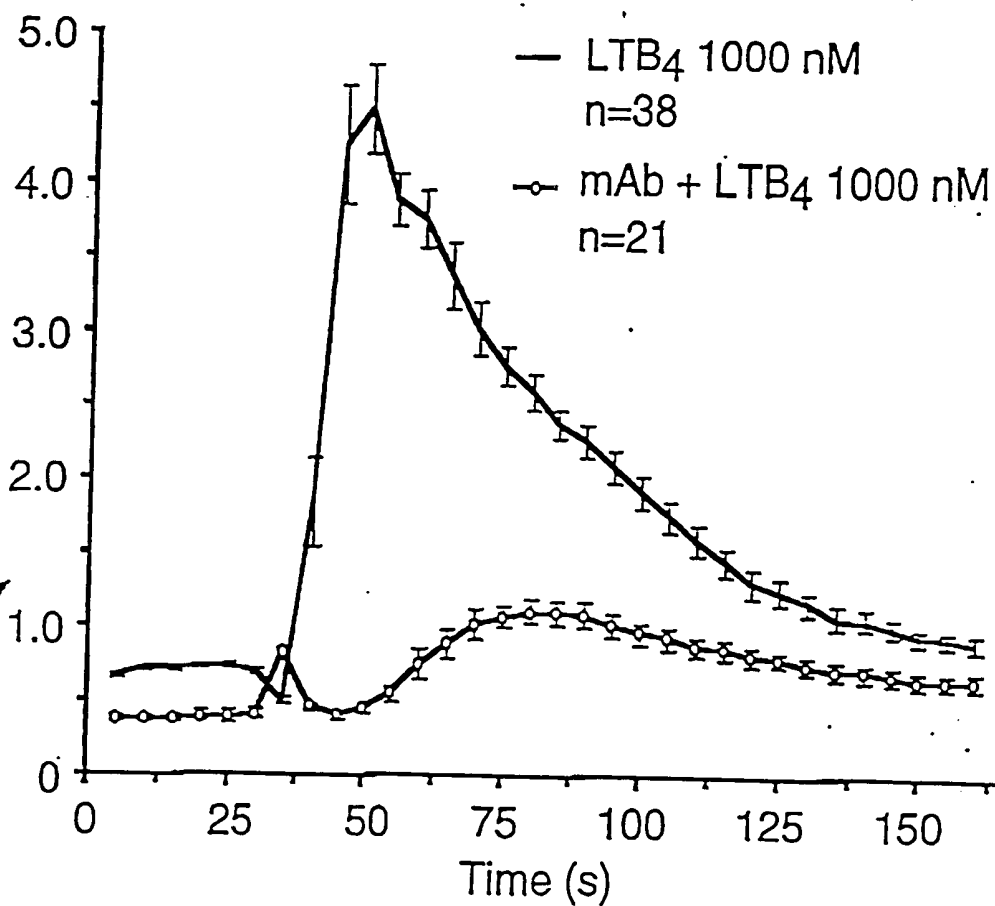


FIG. 13